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HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20070001
Agency Interest No. 26155

Jack Edwards
General Manager
PO Drawer 580
Larose, LA 70373-0580

RE: Part 70 Operating Permit, Larose Shipyard
North American Shipbuilding LLC, Larose, Lafourche Parish, Louisiana

Dear Mr. Edwards:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2013, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2008.

Permit No.: 1560-00136-V0

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN:dcd
c: EPA Region VI

PUBLIC NOTICE
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)
NORTH AMERICAN SHIPBUILDING, LLC
LAROSE SHIPYARD
PROPOSED INITIAL PART 70 AIR OPERATING PERMIT

The LDEQ, Office of Environmental Services, is accepting written comments on the Proposed Initial Part 70 Air Operating Permit for North American Shipbuilding, LLC, P.O. Drawer 580, Larose, LA 70373-0580 for the Larose Shipyard. The facility is located at 800 Industrial Park Road, Larose, Lafourche Parish.

North American Shipbuilding's Larose Shipyard is an existing marine construction and repair facility that currently operates under Permit No. 1560-00136, issued March 9, 2006. They are requesting permit modifications under an Initial Part 70 Air Operating Permit.

North American Shipbuilding, LLC requested to:

- Obtain a Part 70 Operating Permit
- Increase the hours of operation of all sources to 8,760 hr/yr
- Increase the blasting media throughput for the Outdoor Blasting source (ARE 1)
- Increase the throughput for the Burning and Cutting source (ARE 2)
- Increase the maximum allowable aggregate TAP emissions from the Outdoor Painting source (ARE 3) to 79.564 tons per year
- Permit the emission of any TAP from the Outdoor Painting source (ARE 3) at a rate that is equal to its respective Minimum Emission Rate as stated in LAC 33:III.Chapter 51 or the emission rate shown in the "Emissions of TAP/HAP and Other Pollutants" section of this permit, whichever is greater
- Increase the consumption of welding materials used by the Electric Arc Welding source (ARE 4)
- Increase the plate throughput for the Plasma Cutter (EQT 4)
- Increase the board feet throughput for the Carpenter Shop (EQT 5).

This permit was processed as an expedited permit in accordance with LAC 33:I.Chapter 18.

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀ *	18.10	37.82	+ 19.72
SO ₂	0.01	0.05	+ 0.04
NO _x	3.35	11.83	+ 8.48
CO	0.73	3.41	+ 2.68
VOC*	51.36	113.36	+ 62.00
*Toxic Air Pollutants Included in Totals	24.487	79.564	+ 55.077

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the

"Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Monday, December 8, 2008.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The permit application, statement of basis, Environmental Assessment Statement (EAS or IT Questions), and proposed permit are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). **The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at www.deq.louisiana.gov.**

Additional copies may be reviewed at the Lafourche Parish Library, Larose Branch, Bayou Civic Center, East Fifth Street, Larose, LA 70373-1430.

Inquiries or requests for additional information regarding this permit action should be directed to Dustin Duhon, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3057.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at deqmailistrequest@la.gov or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

Permit public notices including electronic access to the proposed permit and statement of basis can be viewed at the LDEQ permits public notice webpage at www.deq.louisiana.gov/apps/pubNotice/default.asp and general information related to the public participation in permitting activities can be viewed at www.deq.louisiana.gov/portal/tabcid/2198/Default.aspx.

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at http://www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm.

All correspondence should specify AI Number 26155, Permit Number 1560-00136-V0, and Activity Number PER20070001.

Scheduled Publication Dates:
Sunday, November 2, 2008 in The Lafourche Gazette, and
Monday, November 3, 2008 in The Advocate

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Larose Shipyard
Agency Interest No.: 26155
North American Shipbuilding LLC
Larose, Lafourche Parish, Louisiana**

I. Background

North American Shipbuilding, L.L.C.'s Larose Shipyard is an existing marine construction and repair facility that began operations in the early 1970's. The Larose Shipyard currently operates under Permit No. 1560-00136-01, issued March 9, 2006.

This is the Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by North American Shipbuilding LLC on July 9, 2007, requesting a Part 70 operating permit. Additional information dated June 11, 2008, was also received.

III. Description

North American Shipbuilding, LLC (NAS) is engaged in building and repairing ships. The current operations include abrasive blasting of metal surfaces, burning and cutting of plate and structural steel, electric arc welding, and surface coating. Steel shot blasting is performed in a controlled (bag filters, 99.5% efficiency) and ventilated enclosure. Sand blasting (No. 3 sand grit) and painting operations are performed outdoors.

With this modification, NAS proposes to:

- Obtain a Part 70 Operating Permit
- Increase the hours of operation of all sources to 8,760 hr/yr
- Increase the blasting media throughput for the Outdoor Blasting source (ARE 1)
- Increase the throughput for the Burning and Cutting source (ARE 2)
- Increase the maximum allowable aggregate TAP emissions from the Outdoor Painting source (ARE 3) to 79.564 tons per year
- Permit the emission of any TAP from the Outdoor Painting source (ARE 3) at a rate that is equal to its respective Minimum Emission Rate as stated in LAC 33:III Chapter 51 or the emission rate shown in the "Emissions of TAP/HAP and Other Pollutants" section of this permit, whichever is greater
- Increase the consumption of welding materials used by the Electric Arc Welding source (ARE 4)
- Increase the plate throughput for the Plasma Cutter (EQT 4)
- Increase the board feet throughput for the Carpenter Shop (EQT 5)

AIR PERMIT BRIEFING SHEET
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Larose Shipyard
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Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	18.10	37.82	+ 19.72
SO ₂	0.01	0.05	+ 0.04
NO _x	3.35	11.83	+ 8.48
CO	0.73	3.41	+ 2.68
VOC *	51.36	113.36	+ 62.00

<u>*VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):</u>		<u>Non-VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):</u>	
<u>Pollutant</u>	<u>Emissions</u>	<u>Pollutant</u>	<u>Emissions</u>
Benzene	< 0.001	Ammonia	0.500
Cumene	0.500	Barium (and compounds)	0.001
Ethylbenzene	5.625	Chromium VI (and compounds)	0.008
Formaldehyde	0.006	Cobalt compounds	0.002
Glycol ethers (Table 51.3)	0.500	Copper (and compounds)	0.691
Methanol	1.687	Manganese (and compounds)	1.612
Methyl ethyl ketone	3.475	Nickel (and compounds)	0.003
Methyl isobutyl ketone	6.738	Zinc (and compounds)	6.320
n-Butyl alcohol	5.359		
Toluene	16.465		
Trichloroethylene	0.775		
Xylene	23.745		
Total	64.876**	Total	9.137**

**Aggregate emissions of all Toxic Air Pollutants (TAPs) produced from outdoor painting activities shall be limited to 79.564 tons per year. The permittee may emit any TAP, not specifically listed, from outdoor painting activities, at a rate below its Minimum Emission

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Larose, Lafourche Parish, Louisiana**

Rate (MER). Emissions in excess of the total TAP limit for any 12 consecutive month period shall be a violation of the permit.

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations and National Emission Standards for Hazardous Air Pollutants (NESHAP). New Source Performance Standards (NSPS) and Prevention of Significant Deterioration (PSD) do not apply.

This facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51. Toluene (Class III) and xylene (Class II) are emitted in amounts that exceed the major source threshold. Copper (and compounds) (Class II), manganese (and compounds) (Class II), toluene (Class III), trichloroethylene (Class II), xylene (Class II) and zinc (and compounds) (Class III) are emitted in amounts that exceed their respective Minimum Emission Rates (MER). The facility must address MACT for emissions of copper (and compounds), manganese (and compounds), trichloroethylene, and xylene.

MACT has been determined to be compliance with 40 CFR 63 Subpart II – National Emissions Standards for Shipbuilding and Ship Repair (Surface Coating).

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Larose Shipyard
Agency Interest No.: 26155
North American Shipbuilding LLC
Larose, Lafourche Parish, Louisiana**

Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Dispersion Model(s) Used: AERMOD

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})
PM ₁₀	Annual	40.42 µg/m ³	(50 µg/m ³)
	24 hr.	145.95 µg/m ³	(150 µg/m ³)

VIII. General Condition XVII Activities

None

IX. Insignificant Activities

None

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Larose Shipyard
 Agency Interest No.: 26155
 North American Shipbuilding LLC
 Larose, Lafourche Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III, Chapter																	
		5	509	9	11	13	15	2103	2104*	2107	2111	2113	2116*	2123	22	29*	51*	53*	56
	Plant Wide			1	1	1								1			1	1	1
ARE 1	04 - Outdoor Blasting					1													
ARE 2	05 - Burning and Cutting						1		3										1
ARE 3	06 - Outdoor Painting							1											1
ARE 4	07 - Electric Arc Welding								1										1
EQT 2	02 - Autoblast Unit Building No. 8									1									1
EQT 3	03 - Autoblast Unit Building No. 3										1								1
EQT 4	1-05 - Plasma Cutter											1							1
EQT 5	2-05 - Carpenter Shop												1						

* The regulations indicated above are State Only regulations.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Larose Shipyard
Agency Interest No.: 26155
North American Shipbuilding LLC
Larose, Lafourche Parish, Louisiana

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Larose Shipyard

Agency Interest No.: 26155

North American Shipbuilding LLC

Larose, Lafourche Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61			40 CFR 63 NESHPAP			40 CFR					
		A	K	Ka	Kb	Db	Dc	GG	KKK	III	A	J	V	A	II	SS	VV	HHH	64
	Plant Wide																		
ARE 1	04 - Outdoor Blasting																		
ARE 2	05 - Burning and Cutting																		
ARE 3	06 - Outdoor Painting																		
ARE 4	07 - Electric Arc Welding																		
EQT 2	02 - Autoblast Unit Building No. 8																		
EQT 3	03 - Autoblast Unit Building No. 3																		
EQT 4	1-05 - Plasma Cutter																		
EQT 5	2-05 - Carpenter Shop																		

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Larose Shipyard
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KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

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Larose, Lafourche Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
ARE 2	Emission Standards for Sulfur Dioxide Continuous Emissions Monitoring [LAC 33:III.1511.A]	DOES NOT APPLY. Source emits less than 5 tons per year of SO ₂ . [LAC 33:III.1502.A.3]

The above table provides explanation for either the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
 - 1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];

40 CFR PART 70 GENERAL CONDITIONS

2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
 3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and
 4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
1. the date, place as defined in the permit, and time of sampling or measurements;
 2. the date(s) analyses were performed;
 3. the company or entity that performed the analyses;
 4. the analytical techniques or methods used;
 5. the results of such analyses; and
 6. the operating conditions as existing at the time of sampling or measurement.
- [Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]

40 CFR PART 70 GENERAL CONDITIONS

- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]
- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]
- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
 - 1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 - 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 - 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;

40 CFR PART 70 GENERAL CONDITIONS

4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
 5. changes in emissions would not qualify as a significant modification; and
 6. the request is submitted no later than 12 months after commencing operation. [LAC 33.III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39..
 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
 - a. Report by June 30 to cover January through March
 - b. Report by September 30 to cover April through June
 - c. Report by December 31 to cover July through September
 - d. Report by March 31 to cover October through December
 4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]

40 CFR PART 70 GENERAL CONDITIONS

- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]
- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
1. Persons operating appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
 2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
 3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
 4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
 5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
 6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]
- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.
- The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]
- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated July 9, 2007, as well as additional information received June 11, 2008.
- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.
- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33.III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
 - A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
 - 1. Report by June 30 to cover January through March
 - 2. Report by September 30 to cover April through June
 - 3. Report by December 31 to cover July through September
 - 4. Report by March 31 to cover October through December
 - D. Each report submitted in accordance with this condition shall contain the following information:
 - 1. Description of noncomplying emission(s);
 - 2. Cause of noncompliance;
 - 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 - 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 - 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
 - E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
 - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
 - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
 - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.
- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services in accordance with LAC 33:I.Chapter 19.Facility Name and Ownership/Operator Changes Process.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
 2. Be less than the minimum emission rate (MER)
 3. Be scheduled daily, weekly, monthly, etc., or
 4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]
- These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.
- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

- XIX. For Part 70 sources, certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 26155 North American Shipbuilding LLC - Larose Shipyard
Activity Number: PER20070001
Permit Number: 1560-00136-V0
Air - Title V Regular Permit Initial

Also Known As:	ID	Name	User Group	Start Date
	1560-00136	North American Shipbuilding LLC - Larose Shipyard	CDS Number	08-05-2002
72-0748079		North American Shipbuilding LLC	Federal Tax ID	11-21-1999
LAR000009183		North American Shipbuilding LLC	Hazardous Waste Notification	12-11-1995
LA0105856		LPDES #	LPDES Permit #	05-22-2003
0116699-001W		North American Shipbuilding LLC	State Tax ID	11-07-2002
52135		North American Shipbuilding LLC - Larose Shipyard	TEMPO Merge	12-28-2000
70373NRTHM800IN		TRI #	Toxic Release Inventory	07-29-2004
11818		Waste Tires - Bumper Tires	Waste Tire Facility ID Number	05-27-2005
Physical Location:		800 Industrial Park Rd (portion of) Larose, LA 70373	Main FAX: 9856931367 Main Phone: 9856014118	
Mailing Address:		PO Drawer 580 Larose, LA 703730580		
Location of Front Gate:		29° 35' 6" 91 hundredths latitude, 90° 22' 27" 11 hundredths longitude, Coordinate Method: Lat.\,Long. - DMS, Coordinate Datum: NAD83		
Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Jerry Badeaux	800 Industrial Park Rd Larose, LA 70353	9856934072 (WP)	Waste Tires Contact for
	Jerry Badeaux	800 Industrial Park Rd Larose, LA 70353	jerry.badeaux@eco.(Waste Tires Contact for
	Jack Edwards	PO Drawer 580 Larose, LA 703730580		Responsible Official for
	Clyde Harris	PO Box 310 Galliano, LA 703540310	9856321772 (WP)	Solid Waste Permit Contact for
	Clyde Harris	PO Box 310 Galliano, LA 703540310	9856321772 (WP)	Waste Tires Contact for
	Johnie Robertson	PO Box 310 Galliano, LA 703540310	9856014238 (WP)	Emission Inventory Contact for
	Johnie Robertson	PO Box 310 Galliano, LA 703540310	johnie.robertson@ec	Emission Inventory Contact for
	Bill Underwood	PO Drawer 580 Larose, LA 703730580	9856931313 (WP)	Haz. Waste Billing Party for
Related Organizations:	Name	Address	Phone (Type)	Relationship
	North American Shipbuilding LLC	PO Box 580 Larose, LA 703730580	9856934072 (WP)	Operates
	North American Shipbuilding LLC	PO Box 580 Larose, LA 703730580	9856934072 (WP)	Owns
	North American Shipbuilding LLC	c/o Gary Chouest Galliano, LA 70354		Agent of Service for
	North American Shipbuilding LLC	PO Box 580 Larose, LA 703730580	9856934072 (WP)	Air Billing Party for
	North American Shipbuilding LLC	PO Box 580 Larose, LA 703730580	9856934072 (WP)	Emission Inventory Billing Party
	North American Shipbuilding LLC	PO Box 580 Larose, LA 703730580	9856934072 (WP)	Water Billing Party for

General Information

AI ID: 26155 North American Shipbuilding LLC - Larose Shipyard
Activity Number: PER20070001
Permit Number: 1560-00136-V0
Air - Title V Regular Permit Initial

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit.
Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-0775 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 26155 - North American Shipbuilding LLC - Larose Shipyard
 Activity Number: PER20070001
 Permit Number: 1560-00136-V0
 Air - Title V Regular Permit Initial

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
North American Shipbuilding, LLC - Larose Shipyard						
ARE 0001	04 - Outdoor Blasting		3500 tons/yr	3500 tons/yr		8760 hr/yr
ARE 0002	05 - Burning and Cutting		7 (other units)	7 (other units)	MM linear ft/yr	8760 hr/yr
ARE 0003	06 - Outdoor Painting			980272 gallons/yr		8760 hr/yr
ARE 0004	07 - Electric Arc Welding		306 tons/yr	306 tons/yr	welding rods	8760 hr/yr
EQT 0002	02 - Autoblast Unit Building No. 8		212.5 tons/hr	212.5 tons/hr		8760 hr/yr
EQT 0003	03 - Autoblast Unit Building No. 3		265.5 tons/hr	265.5 tons/hr		8760 hr/yr
EQT 0004	1-05 - Plasma Cutter		7 (other units)	7 (other units)	MM linear ft/yr	8760 hr/yr
EQT 0005	2-05 - Carpenter Shop		36 M bd ft/yr	36 M bd ft/yr		8760 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
North American Shipbuilding, LLC - Larose Shipyard							
EQT 0002	02 - Autoblast Unit Building No. 8	20000	3842	.98		14	70
EQT 0003	03 - Autoblast Unit Building No. 3	20000	3842	.98		14	70

Relationships:

Subject Item Groups:

ID	Group Type	Group Description
UNF 0001	Unit or Facility Wide	UNF 0001 - North American Shipbuilding, LLC - Larose Shipyard

Group Membership:

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
1280	1280 Ship and Boat Building: D) 20 to 1000 Employees		
3731	Ship building and repairing	AI 26155	

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 26155 - North American Shipbuilding LLC - Larose Shipyard
 Activity Number: PER20070001
 Permit Number: 1560-00136-V0
 Air - Title V Regular Permit Initial

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
North American Shipbuilding, LLC - Larose Shipyard															
ARE 0001															
04	0.78	0.78	3.41	1.83	1.83	8.01	0.15	4.64	0.67	0.01	0.01	0.05	0.11	0.11	0.47
05															
ARE 0003															
36															
ARE 0004															
07															
EQT 0002															
02															
EQT 0003															
03															
EQT 0004															
05															
EQT 0005															
05															

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 26155 - North American Shipbuilding LLC - Larose Shipyard

Activity Number: PER20070001

Permit Number: 1560-00136-V0

Air - Title V Regular Permit Initial

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
ARE 0002 05	Barium (and compounds)	<0.001	0.058	<0.001
	Benzene	<0.001	<0.001	<0.001
	Chromium VI (and compounds)	0.002	1.167	0.007
	Cobalt compounds	<0.001	0.117	0.001
	Copper (and compounds)	0.001	0.583	0.004
	Formaldehyde	0.001	0.001	0.006
	Manganese (and compounds)	0.002	1.692	0.010
	Nickel (and compounds)	<0.001	0.292	0.002
	Toluene	<0.001	<0.001	<0.001
	Zinc (and compounds)	0.001	0.583	0.004
ARE 0003 06	Ammonia	0.114	0.285	0.500
	Copper (and compounds)	0.114	0.285	0.500
	Cumene	0.114	0.285	0.500
	Ethyl benzene	1.284	3.211	5.625
	Glycol ethers (Table 51.3)	0.114	0.285	0.500
	Methanol	0.385	0.963	1.687
	Methyl ethyl ketone	0.793	1.983	3.475
	Methyl isobutyl ketone	1.538	3.846	6.738
	Toluene	3.759	9.397	16.464
	Toxic air pollutants (TAP)			79.564
	Trichloroethylene	0.177	0.442	0.775
	Xylene (mixed isomers)	5.421	13.553	23.745
	Zinc (and compounds)	1.44	3.604	6.316
ARE 0004 07	n-butyl alcohol	1.224	3.059	5.359
	Chromium VI (and compounds)	<0.001	0.007	0.001
	Cobalt compounds	<0.001	0.002	<0.001
	Manganese (and compounds)	0.061	1.473	0.269
EQT 0004 1-05	Nickel (and compounds)	<0.001	0.006	0.001
	Copper (and compounds)	0.043	0.043	0.187
	Manganese (and compounds)	0.304	0.304	1.333
UNF 0001 UNF 001	Ammonia			0.500
	Barium (and compounds)			0.001
	Chromium VI (and compounds)			0.008

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 26155 - North American Shipbuilding LLC - Larose Shipyard

Activity Number: PER20070001

Permit Number: 1560-00136-V0

Air - Title V Regular Permit Initial

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 UNF 001	Cobalt compounds			0.002
	Copper (and compounds)			0.691
	Cumene			0.500
	Ethyl benzene			5.625
	Formaldehyde			0.006
	Glycol ethers (Table 51.1)			0.500
	Manganese (and compounds)			1.612
	Methanol			1.687
	Methyl ethyl ketone			3.475
	Methyl isobutyl ketone			6.738
	Nickel (and compounds)			0.003
	Toluene			16.465
	Trichloroethylene			0.775
	Xylene (mixed isomers)			23.745
	Zinc (and compounds)			6.320
	n-butyl alcohol			5.359

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

Emission Rates Notes:

ARE 0003	Toxic air pollutants (TAP)	Tons/Year	Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance if total TAP emissions from outdoor painting activities exceed the maximum listed in this specific condition for any twelve consecutive month period. Which Months: All Year
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SPECIFIC REQUIREMENTS

AI ID: 26155 - North American Shipbuilding LLC - Larose Shipyard
Activity Number: PER20070001
Permit Number: 1560-00136-V0
Air - Title V Regular Permit Initial

ARE_0001 Outdoor Blasting

- 1 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 2 [LAC 33:III.1327.A.1] Which Months: All Year Statistical Basis: Six-minute average Do not use material derived from hazardous, toxic, medical, and/or municipal waste as abrasive material.
- 3 [LAC 33:III.1327.A.2] Particulate matter fines < 10 % by weight of the abrasive that would pass through a No. 80 sieve as documented by the supplier. If supplier documentation is not provided for weight percent of fines in abrasive material, take samples according to ASTM standard ASTM D 75-87, reapproved 1992, before initial use.
- 4 [LAC 33:III.1327.A.3] Which Months: All Year Statistical Basis: None specified Do not reuse abrasives for abrasive blasting unless they meet the requirements of LAC 33:III.1327.A.2.
- 5 [LAC 33:III.1329.A.2] Prepare and implement a best management practices (BMP) plan as described in LAC 33:III.1331.
- 6 [LAC 33:III.1329.B] Re-circulate blast cabinet exhaust to the cabinet or vent to emission control equipment.
- 7 [LAC 33:III.1329.C.1] Ensure that tarps have overlapping seams to prevent leakage of particulate matter.
- 8 [LAC 33:III.1329.C.2] Shade factor >= 80 percent. Limit the shade factor of the tarps.
- 9 [LAC 33:III.1329.C.3] Which Months: All Year Statistical Basis: None specified Repair tarps prior to use if any single tear greater than 1 foot in length is present or if tears greater than 6 inches in length each are present.
- 10 [LAC 33:III.1329.E] Prevent blasting material or visible floating solids from reaching waters of the state or minimize to the maximum extent possible as specified in the facility and/or activity BMP or in accordance with the LPDES permit program.
- 11 [LAC 33:III.1329.F] Ensure that abrasive blasting activities do not create a nuisance.
- 12 [LAC 33:III.1329.G] Maintain stockpiles of new and/or spent abrasive material in a manner that will minimize fugitive airborne emissions.
- 13 [LAC 33:III.1329.H] Use and diligently maintain all emission control equipment in proper working order according to the manufacturer's specifications whenever any emissions are being generated that can be controlled by the facility, even if the ambient air quality standards in affected areas are not exceeded.
- 14 [LAC 33:III.1331.B] Keep a complete copy of the BMP plan at the facility and make available to authorized representatives of DEQ upon request. Submit plans to DEQ if requested by an authorized representative of DEQ.
- 15 [LAC 33:III.1331.C] Designate a person who is accountable for the implementation and effectiveness of the BMP plan.
- 16 [LAC 33:III.1331.D] Amend the BMP plan if required to by DEQ or whenever physical or operational modification of the facility renders the existing plan inadequate. Implement the amendment prior to or concurrent with the facility modification.
- 17 [LAC 33:III.1331.E] Review the BMP plan every three years to determine if the plan adequately reduces nuisances and adverse off-site impacts. If it is determined that the plan is not adequate, amend the plan within 90 days of the review to include more effective emission prevention and control technology.
- 18 [LAC 33:III.1331.F] Prepare the BMP plan in accordance with sound engineering practices and ensure that it is site-specific. Present the plan information in the sequence specified in LAC 33:III.1331.F.1 through F.10.
- 19 [LAC 33:III.1331.G] Include provisions for personnel training in the BMP plan as specified in LAC 33:III.1331.G.1 through G.4.
- 20 [LAC 33:III.1331.H.1] Ensure that records of the three year review are signed or initialed by the person conducting the review and an appropriate supervisor or the facility designee. Retain for a minimum of three years.
- 21 [LAC 33:III.1331.H.2] Maintain the following records on the facility premises: Self-inspection reports prepared in accordance with LAC 33:III.1331.F.8, and documentation of employee and contractor training, including dates, subjects, and hours of training and a list of attendees with signatures.

SPECIFIC REQUIREMENTS

AI ID: 26155 - North American Shipbuilding LLC - Larose Shipyard
Activity Number: PER20070001
Permit Number: 1560-00136-V0
Air - Title V Regular Permit Initial

ARE 0001 Outdoor Blasting

- 22 [LAC 33:III.1333] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.1333.A.1 through A.7 on the facility premises at all times. Present them to an authorized representative of DEQ upon request.
- 23 [LAC 33:III.501.C.6] Maintain records on a 36 month rolling basis. Permittee shall take precautions to minimize the spread and dispersion of fugitive emissions by maintaining screens at the time of sandblasting. The particulates shall be collected and disposed in a adequate manner. Weather conditions shall also be considered while sandblasting to minimize water pollution by particulates.

ARE 0002 Burning and Cutting

- 24 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: None specified
Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.I-7.
Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average
Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
No additional control determined as MACT.
- 25 [LAC 33:III.1305]
- 26 [LAC 33:III.1311.C]
- 27 [LAC 33:III.5107.A.2]
- 28 [LAC 33:III.5109.A.1]

ARE 0003 Outdoor Painting

- 29 [40 CFR 63.783.a] Antenna coating: VOHAP <= 530 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
Navigational aids coating: VOHAP <= 1597 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
Inorganic zinc high-build coating: VOHAP <= 728 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
Repair and maintenance of thermoplastics coating: VOHAP <= 1597 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
Mist coating: VOHAP <= 2235 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
High-temperature coating: VOHAP <= 1237 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
High-temperature coating: VOHAP <= 1597 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 30 [40 CFR 63.783.a]
- 31 [40 CFR 63.783.a]
- 32 [40 CFR 63.783.a]
- 33 [40 CFR 63.783.a]
- 34 [40 CFR 63.783.a]
- 35 [40 CFR 63.783.a]

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- 36 [40 CFR 63.783.a] Navigational aids coating: VOHAP <= 550 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 37 [40 CFR 63.783.a] High-gloss coating: VOHAP <= 841 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 38 [40 CFR 63.783.a] Nuclear coating: VOHAP <= 841 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 39 [40 CFR 63.783.a] Specialty interior coating: VOHAP <= 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 40 [40 CFR 63.783.a] Heat resistant coating: VOHAP <= 1069 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 41 [40 CFR 63.783.a] Nuclear coating: VOHAP <= 420 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 42 [40 CFR 63.783.a] Specialty interior coating: VOHAP <= 571 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 43 [40 CFR 63.783.a] Undersea weapons systems coating: VOHAP <= 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 44 [40 CFR 63.783.a] Pretreatment wash primer coating: VCHAP <= 11095 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 45 [40 CFR 63.783.a] Mist coating: VOHAP <= 610 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 46 [40 CFR 63.783.a] Special marking coating: VOHAP <= 490 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 47 [40 CFR 63.783.a] Inorganic zinc high-build coating: VOHAP <= 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 48 [40 CFR 63.783.a] High-gloss coating: VOHAP <= 1069 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 49 [40 CFR 63.783.a] Undersea weapons systems coating: VOHAP <= 728 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 50 [40 CFR 63.783.a] Nonskid coating: VOHAP <= 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 51 [40 CFR 63.783.a] Antifoulant coating: VOHAP <= 971 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 52 [40 CFR 63.783.a] Antenna coating: VOHAP <= 1439 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 53 [40 CFR 63.783.a] Tack coat: VOHAP <= 2235 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 54 [40 CFR 63.783.a] Sealant for thermal spray aluminum coating: VOHAP <= 610 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified

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- 55 [40 CFR 63.783.a]
 Heat resistant coating: VOHAP <= 841 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 56 [40 CFR 63.783.a]
 Organic zinc coating: VOHAP <= 630 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
- 57 [40 CFR 63.783.a]
 Which Months: All Year Statistical Basis: None specified
- Rubber camouflage coating: VOHAP <= 728 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
- 58 [40 CFR 63.783.a]
 Which Months: All Year Statistical Basis: None specified
- General use coating: VOHAP <= 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
- 59 [40 CFR 63.783.a]
 Which Months: All Year Statistical Basis: None specified
- Rubber camouflage coating: VOHAP <= 571 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
- 60 [40 CFR 63.783.a]
 Which Months: All Year Statistical Basis: None specified
- General use coating: VOHAP <= 571 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
- 61 [40 CFR 63.783.a]
 Which Months: All Year Statistical Basis: None specified
- Nonskid coating: VOHAP <= 728 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
- 62 [40 CFR 63.783.a]
 Which Months: All Year Statistical Basis: None specified
- Military exterior coating: VOHAP <= 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
- 63 [40 CFR 63.783.a]
 Which Months: All Year Statistical Basis: None specified
- Pretreatment wash primer coating: VOHAP <= 780 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
- 64 [40 CFR 63.783.a]
 Which Months: All Year Statistical Basis: None specified
- High-temperature coating: VOHAP <= 500 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
- 65 [40 CFR 63.783.a]
 Which Months: All Year Statistical Basis: None specified
- Nonskid coating: VOHAP <= 571 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
- 66 [40 CFR 63.783.a]
 Which Months: All Year Statistical Basis: None specified
- Specialty interior coating: VOHAP <= 728 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
- 67 [40 CFR 63.783.a]
 Which Months: All Year Statistical Basis: None specified
- Air flask coating: VOHAP <= 728 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
- 68 [40 CFR 63.783.a]
 Which Months: All Year Statistical Basis: None specified
- Nuclear coating: VOHAP <= 1069 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
- 69 [40 CFR 63.783.a]
 Which Months: All Year Statistical Basis: None specified
- Antifoulant coating: VOHAP <= 765 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
- 70 [40 CFR 63.783.a]
 Which Months: All Year Statistical Basis: None specified
- High-gloss coating: VOHAP <= 420 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
- 71 [40 CFR 63.783.a]
 Which Months: All Year Statistical Basis: None specified
- Tack coat: VOHAP <= 610 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
- 72 [40 CFR 63.783.a]
 Inorganic zinc high-build coating: VOHAP <= 571 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
- 73 [40 CFR 63.783.a]
 Which Months: All Year Statistical Basis: None specified
- Weld-through precon. primer coating: VOHAP <= 2885 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
- Which Months: All Year Statistical Basis: None specified

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- 74 [40 CFR 63.783.a] Repair and maintenance of thermoplastics coating: VOHAP \leq 550 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
- 75 [40 CFR 63.783.a] Which Months: All Year Statistical Basis: None specified Rubber camouflage coating: VOHAP \leq 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
- 76 [40 CFR 63.783.a] Which Months: All Year Statistical Basis: None specified Air flask coating: VOHAP \leq 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
- 77 [40 CFR 63.783.a] Which Months: All Year Statistical Basis: None specified Air flask coating: VOHAP \leq 571 g/l solids, when t \geq 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
- 78 [40 CFR 63.783.a] Which Months: All Year Statistical Basis: None specified Organic zinc coating: VOHAP \leq 360 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
- 79 [40 CFR 63.783.a] Which Months: All Year Statistical Basis: None specified Sealant for thermal spray aluminum coating: VOHAP \leq 2235 g/l solids, when t \geq 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
- 80 [40 CFR 63.783.a] Which Months: All Year Statistical Basis: None specified Special marking coating: VOHAP \leq 1178 g/l solids, when t \geq 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
- 81 [40 CFR 63.783.a] Which Months: All Year Statistical Basis: None specified Heat resistant coating: VOHAP \leq 420 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
- 82 [40 CFR 63.783.a] Which Months: All Year Statistical Basis: None specified General use coating: VOHAP \leq 728 g/l solids, when t $<$ 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
- 83 [40 CFR 63.783.a] Which Months: All Year Statistical Basis: None specified Organic zinc coating: VOHAP \leq 802 g/l solids, when t $<$ 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
- 84 [40 CFR 63.783.a] Which Months: All Year Statistical Basis: None specified Underssea weapons systems coating: VOHAP \leq 571 g/l solids, when t \geq 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
- 85 [40 CFR 63.783.a] Which Months: All Year Statistical Basis: None specified Antifoulant coating: VOHAP \leq 400 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
- 86 [40 CFR 63.783.a] Which Months: All Year Statistical Basis: None specified Military exterior coating: VOHAP \leq 728 g/l solids, when t $<$ 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
- 87 [40 CFR 63.783.a] Which Months: All Year Statistical Basis: None specified Weld-through precon. primer coating: VOHAP \leq 650 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
- 88 [40 CFR 63.783.a] Which Months: All Year Statistical Basis: None specified Military exterior coating: VOHAP \leq 571 g/l solids, when t \geq 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
- 89 [40 CFR 63.783.b.1] Ensure that all handling and transfer of VOHAP-containing materials to and from containers, tanks, vats, drums, and piping systems is conducted in a manner that minimizes spills. Subpart II. [40 CFR 63.783(b)(1)]
- 90 [40 CFR 63.783.b.2] Ensure that all containers, tanks, vats, drums, and piping systems are free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them. Subpart II. [40 CFR 63.783(b)(2)]
- 91 [40 CFR 63.785.a.1] Determine the coating category and the applicable VOHAP limit as specified in 40 CFR 63.783(a), for each batch of coating received. Subpart II. [40 CFR 63.785(a)(1)]
- 92 [40 CFR 63.785.a.2] Certify the as-supplied VOC content of the batch of coating, for each batch of coating received. Subpart II. [40 CFR 63.785(a)(2)]

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- 93 [40 CFR 63.785.c.1.(i)] Coatings to which thinning solvent (or any other material) will not be added under any circumstance or to which only water is added: Certify the as applied VOC content of each batch of coating. Subpart II. [40 CFR 63.785(c)(1)(i)]
- 94 [40 CFR 63.785.c.1.(ii)] Coatings to which thinning solvent (or any other material) will not be added under any circumstance or to which only water is added: Notify the persons responsible for applying the coating that no thinning solvent may be added to the coating by affixing a label to each container of coating in the batch or through another means described in the implementation plan required in 40 CFR 63.787(b). Subpart II. [40 CFR 63.785(c)(1)(ii)]
- 95 [40 CFR 63.785.c.1.(iii)] Coatings to which thinning solvent (or any other material) will not be added under any circumstance or to which only water is added: The certified as-applied VOC content of each batch of coating used during a calendar month must be less than or equal to the applicable VOH/AP limit in 40 CFR 63.783(a). Subpart II. [40 CFR 63.785(c)(1)(iii)]
- 96 [40 CFR 63.785.c.2.(i)] Coatings to which thinning solvent is routinely or sometimes added: Designate a single thinner for the coating and calculate the maximum allowable thinning ratio(s) for each batch using 40 CFR 63.785(c)(2)(i) Equations 1 and 2 , prior to the first application of each batch Subpart II. [40 CFR 63.785(c)(2)(i)]
- 97 [40 CFR 63.785.c.2.(ii)] Coatings to which thinning solvent is routinely or sometimes added: Notify painters and other persons, as necessary, of the designated thinner and maximum allowable thinning ratio(s) for each batch of the coating by affixing a label to each container of coating or through another means described in the implementation plan required in 40 CFR 63.787(b), prior to the first application of each batch. Subpart II. [40 CFR 63.785(c)(2)(ii)]
- 98 [40 CFR 63.785.c.2.(iii)] Coatings to which thinning solvent is routinely or sometimes added: Determine the volume of each batch of the coating used, as supplied during the previous month by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(2)(iii)]
- 99 [40 CFR 63.785.c.2.(iv)] Coatings to which thinning solvent is routinely or sometimes added: Determine the total allowable volume of thinner for the coating used during the previous month using 40 CFR 63.785(c)(2)(iv) Equation 3 by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(2)(iv)]
- 100 [40 CFR 63.785.c.2.(v)] Coatings to which thinning solvent is routinely or sometimes added: Determine the volume of thinner actually used with the coating during the previous month by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(2)(v)]
- 101 [40 CFR 63.785.c.2.(vi)] Coatings to which thinning solvent is routinely or sometimes added: The volume of thinner actually used with the coating [determined in 40 CFR 63.785(c)(3)(v)] must be less than or equal to the total allowable volume of thinner for the coating [determined in 40 CFR 63.785(c)(3)(vi)]. Subpart II. [40 CFR 63.785(c)(2)(vi)]
- 102 [40 CFR 63.785.c.3.(i)] Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Designate a single thinner to be added to each coating during the month and "group" coatings according to their designated thinner. Subpart II. [40 CFR 63.785(c)(3)(i)]
- 103 [40 CFR 63.785.c.3.(ii)] Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Calculate the maximum allowable thinning ratio(s) for each batch of coating in the group using the equations in 40 CFR 63.785(c)(2), prior to the first application of each batch. Subpart II. [40 CFR 63.785(c)(3)(ii)]
- 104 [40 CFR 63.785.c.3.(iii)] Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Notify painters and other persons, as necessary, of the designated thinner and maximum allowable thinning ratio(s) for each batch in the group by affixing a label to each container of coating or through another means described in the implementation plan required in 40 CFR 63.787(b), prior to the first application of each "batch". Subpart II. [40 CFR 63.785(c)(3)(iii)]
- 105 [40 CFR 63.785.c.3.(iv)] Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Determine the volume of each batch of the group used, as supplied, during the previous month by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(3)(iv)]

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- Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Determine the total allowable volume of thinner for the group for the previous month using 40 CFR 63 Subpart II Equation 3 by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(3)(v)]
- Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Determine the volume of thinner actually used with the group during the previous month by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(3)(vi)]
- Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: The volume of thinner actually used with the group [determined in 40 CFR 63.785(c)(3)(vi)], must be less than or equal to the total allowable volume of thinner for the group [determined in 40 CFR 63.785(c)(3)(v)]. Subpart II. [40 CFR 63.785(c)(3)(vii)]
- Use or ensure that the manufacturer uses the form and procedures mentioned in 40 CFR 63 Subpart II Appendix A to determine values for thinner and coating parameters used in 40 CFR 63 Subpart II Equations 1 and 2. Ensure that the coating/thinner manufacturer (or supplier) provides information on the VOC and VOHAP contents of the coatings/thinners and the procedure(s) used to determine these values. Subpart II. [40 CFR 63.786(d)]
- Determine compliance with 40 CFR 63.785(c)(1) through (c)(4) using the methods specified in 40 CFR 63.786(a) through (c), as applicable. Subpart II.
- Comply with all applicable notification requirements in 40 CFR 63.9(a) through (d) and (i) through (j), with the exception that the deadline specified in 40 CFR 63.9(b)(2) and (3) shall be extended from 120 days to 180 days. Subpart II. [40 CFR 63.787(a)]
- Comply with the applicable requirements of 40 CFR 63.9(e) through (h). Subpart II. [40 CFR 63.787(a)]
- Prepare a written implementation plan that addresses each of the subject areas specified in 40 CFR 63.787(b)(3). Subpart II. [40 CFR 63.787(b)(1)]
- Comply with the applicable recordkeeping and reporting requirements of 40 CFR 63.10(c) and (e). Subpart II. [40 CFR 63.788(a)]
- Comply with the applicable recordkeeping and reporting requirements in 40 CFR 63.10(a), (b), (d), and (f). Subpart II. [40 CFR 63.788(a)]
- Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the information specified in 40 CFR 63.788(b)(1) through (b)(4), as applicable, for a minimum of 5 years. Subpart II. [40 CFR 63.788(b)]
- Submit report: Due before the 60th day following completion of each 6-month period after the compliance date specified in 40 CFR 63.784. Submit all of the information that must be retained pursuant to 40 CFR 63.788(b)(2) and (b)(3), except for that information specified in 40 CFR 63.788(b)(2)(i) and (b)(2)(ii), (b)(2)(v), (b)(3)(i)(A), (b)(3)(ii)(A), and (b)(3)(iii)(A). If a violation is detected, also report the information specified in 40 CFR 63.788(b)(4) for the reporting period during which the violation(s) occurred. To the extent possible, organize the report according to the compliance procedure(s) followed each month. Subpart II. [40 CFR 63.788(c)]
- Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
- Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Statistical Basis: Six-minute average
- Permittee shall comply with the VOC content limitations of LAC 33:III.2123.C.11.
- 106 [40 CFR 63.785.c.3.(v)]
 - 107 [40 CFR 63.785.c.3.(vii)]
 - 108 [40 CFR 63.785.c.3.(viii)]
 - 109 [40 CFR 63.786.d]
 - 110 [40 CFR 63.786]
 - 111 [40 CFR 63.787.a]
 - 112 [40 CFR 63.787.a]
 - 113 [40 CFR 63.787.b.1]
 - 114 [40 CFR 63.788.a]
 - 115 [40 CFR 63.788.a]
 - 116 [40 CFR 63.788.b]
 - 117 [40 CFR 63.788.c]
 - 118 [LAC 33:III.1305.]
 - 119 [LAC 33:III.1311.C]
 - 120 [LAC 33:III.2123.C]

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- 121 [LAC 33:III.2123.D.3] Determine compliance by the procedure specified in "Control of Volatile Organic Emissions for Existing Stationary Sources, Vol. 2-Surface Coating of Cans, Coils, Paper, Fabric, Autos and Lt. Duty Trucks", (EPA 450/2-77-008), the procedures specified in "Measurement of Volatile Organic Compounds" (EPA-450/2-78-041), a method approved by DEQ, or certification from the paint manufacturer concerning the solvent makeup of the paint. Treat exempt solvents the same as water in calculating the VOC content per gallon of coating.
Determine compliance with LAC 33:III.2123.E. I through E.7, as appropriate.
- 122 [LAC 33:III.2123.E] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2123.F. 1 through F.4, as applicable, to verify compliance with LAC 33:III.2123. Maintain records for at least two years.
- 123 [LAC 33:III.2123.F] Toxic air pollutants (TAP) monitored by technically sound method continuously.
Which Months: All Year Statistical Basis: None specified
Submit report: Due annually, by the 31st of March. Report the Toxic Air Pollutant (TAP) emissions for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
- 124 [LAC 33:III.501.C.6] Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total Toxic Air Pollutant (TAP) emissions each month, as well as the total Toxic Air Pollutant (TAP) emissions for the last twelve months. Make records available for inspection by DEQ personnel.
Permittee may emit emissions of TAPs, including those not specifically listed for ARE 3, at the greater of the rates listed or their respective Minimum Emission Rates (MER). Emissions of any TAP not listed for ARE 3 in the "Emission Rates for TAP/HAP and Other Pollutants" section of this permit in an amount greater than the MER shall require a permit modification prior to use.
Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
MACT is determined to be compliance with 40 CFR 63 Subpart II
- 125 [LAC 33:III.501.C.6]
- 126 [LAC 33:III.501.C.6]
- 127 [LAC 33:III.501.C.6]
- 128 [LAC 33:III.5107.A.2]
- 129 [LAC 33:III.5109.A.1]

ARE 0004 Electric Arc Welding

- 130 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average
Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
No additional control determined as MACT.
- 131 [LAC 33:III.1311.C]
- 132 [LAC 33:III.5107.A.2]
- 133 [LAC 33:III.5109.A.1]

EQT 0002 Autoblast Unit Building No. 8

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EQT 0002 Autoblast Unit Building No. 8

- 134 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average.
- 135 [LAC 33:III.1327.A.] Do not use material derived from hazardous, toxic, medical, and/or municipal waste as abrasive material.
- 136 [LAC 33:III.1327.A.2] Particulate matter fines < 10 % by weight of the abrasive that would pass through a No. 80 sieve as documented by the supplier. If supplier documentation is not provided for weight percent of fines in abrasive material, take samples according to ASTM standard ASTM D 75-87, reapproved 1992, before initial use.
- 137 [LAC 33:III.1327.A.3] Which Months: All Year Statistical Basis: None specified
 Do not reuse abrasives for abrasive blasting unless they meet the requirements of LAC 33:III.1327.A.2.
 Fully enclose the item, or surround the structure, to be blasted.
- 138 [LAC 33:III.1329.A.] Re-circulate blast cabinet exhaust to the cabinet or vent to emission control equipment.
- 139 [LAC 33:III.1329.B.] Exhaust the collection system through effective control equipment with a particulate matter outlet grain loading of 0.05 gr/dscf or less, as documented by the control equipment manufacturer or demonstrated by performance testing.
- 140 [LAC 33:III.1329.D] Ensure that abrasive blasting activities do not create a nuisance.
- 141 [LAC 33:III.1329.F] Maintain stockpiles of new and/or spent abrasive material in a manner that will minimize fugitive airborne emissions.
- 142 [LAC 33:III.1329.G] Use and diligently maintain all emission control equipment in proper working order according to the manufacturer's specifications whenever any emissions are being generated that can be controlled by the facility, even if the ambient air quality standard in affected areas are not exceeded.
- 143 [LAC 33:III.1329.H] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.1333.A.1 through A.7 on the facility premises at all times. Present them to an authorized representative of DEQ upon request.
- 144 [LAC 33:III.1333] Maintain records on a 36 month rolling basis.
- 145 [LAC 33:III.501.C.6] Particulate matter (10 microns or less) >= 99.5 % removal efficiency from filter manufacturer's certification.
 Which Months: All Year Statistical Basis: None specified
- 146 [LAC 33:III.507.H.1.a] Filter elements (tags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.
 Which Months: All Year Statistical Basis: None specified
- 147 [LAC 33:III.507.H.1.a] Filter elements (tags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 148 [LAC 33:III.507.H.1.a] Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 149 [LAC 33:III.507.H.1.a] Filter vents: Visible emissions monitored by visual inspection/determination daily.
 Which Months: All Year Statistical Basis: None specified

EQT 0003 Autoblast Unit Building No. 3

SPECIFIC REQUIREMENTS

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EQT 0003 Autoblast Unit Building No. 3

- 150 [LAC 33.III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average
 Do not use material derived from hazardous, toxic, medical, and/or municipal waste as abrasive material.
- 151 [LAC 33.III.1327.A.1] Particulate matter fines < 10 % by weight of the abrasive that would pass through a No. 80 sieve as documented by the supplier. If supplier documentation is not provided for weight percent of fines in abrasive material, take samples according to ASTM standard ASTM D 75-87, reapproved 1992, before initial use.
 Which Months: All Year Statistical Basis: None specified
 Do not reuse abrasives for abrasive blasting unless they meet the requirements of LAC 33.III.1327.A.2.
 Fully enclose the item, or surround the structure, to be blasted.
 Re-circulate blast cabinet exhaust to the cabinet or vent to emission control equipment.
- 152 [LAC 33.III.1327.A.2] Exhaust the collection system through effective control equipment with a particulate matter outlet grain loading of 0.05 gr/dscf or less, as documented by the control equipment manufacturer or demonstrated by performance testing.
 Ensure that abrasive blasting activities do not create a nuisance.
 Maintain stockpiles of new and/or spent abrasive material in a manner that will minimize fugitive airborne emissions.
- 153 [LAC 33.III.1327.A.3] Use and diligently maintain all emission control equipment in proper working order according to the manufacturer's specifications whenever any emissions are being generated that can be controlled by the facility, even if the ambient air quality standard in affected areas are not exceeded.
 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33.III.1333.A.1 through A.7 on the facility premises at all times. Present them to an authorized representative of DEQ upon request.
 Maintain records on a 36 month rolling basis.
- 154 [LAC 33.III.1329.A.1] Particulate matter (10 microns or less) >= 99.5 % removal efficiency from filter manufacturer's certification.
 Which Months: All Year Statistical Basis: None specified
- 155 [LAC 33.III.1329.B] Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 156 [LAC 33.III.1329.D] Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.
 Which Months: All Year Statistical Basis: None specified
- 157 [LAC 33.III.1329.F] Filter vents: Visible emissions monitored by visual inspection/determination daily.
 Which Months: All Year Statistical Basis: None specified
- 158 [LAC 33.III.1329.G] Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 159 [LAC 33.III.1329.H]
- 160 [LAC 33.III.1333] EQT 0004 Plasma Cutter
 161 [LAC 33.III.1301.C.6]
- 162 [LAC 33.III.507.H.1.a]
- 163 [LAC 33.III.507.H.1.a]
- 164 [LAC 33.III.507.H.1.a]
- 165 [LAC 33.III.507.H.1.a]
- 166 [LAC 33.III.1303] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33.III.1305.1-7.

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EQT 0004 Plasma Cutter

- 167 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 168 [LAC 33:III.5107.A.2] Which Months: All Year Statistical Basis: Six-minute average
Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
- 169 [LAC 33:III.5109.A.1] No additional control determined as MACT.

EQT 0005 Carpenter Shop

- 170 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
- 171 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 172 [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: Six-minute average
Particulate matter (10 microns or less) >= 99.5 % removal efficiency from filter manufacturer's certification.
- 173 [LAC 33:III.507.H.1.a] Which Months: All Year Statistical Basis: None specified
Cyclone vents: Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Perform maintenance as necessary.
- 174 [LAC 33:III.507.H.1.a] Which Months: All Year Statistical Basis: None specified
Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.
- 175 [LAC 33:III.507.H.1.a] Which Months: All Year Statistical Basis: None specified
Cyclone vents: Visible emissions monitored by visual inspection/determination daily.
- 176 [LAC 33:III.507.H.1.a] Which Months: All Year Statistical Basis: None specified
Filter vents: Visible emissions monitored by visual inspection/determination daily.
- 177 [LAC 33:III.507.H.1.a] Which Months: All Year Statistical Basis: None specified
Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 178 [LAC 33:III.507.H.1.a] Cyclone vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 179 [LAC 33:III.507.H.1.a] Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 180 [LAC 33:III.507.H.1.a] Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

UNF 0001 North American Shipbuilding, LLC - Larose Shipyard

SPECIFIC REQUIREMENTS

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- 181 [40 CFR 63] All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 3 of 40 CFR 63 Subpart 11.
- 182 [40 CFR 70.5.a.1 (iii)] Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- 183 [40 CFR 70.6 a.3 (iii)(A)] Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 184 [40 CFR 70.6 a.3 (iii)(B)] Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]
- 185 [40 CFR 70.6 c.5 (iv)] Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
- 186 [LAC 33:III.1103] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111
- 187 [LAC 33:III.1109.B] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 188 [LAC 33:III.1303.B] Outdoor burning of waste material or other combustible material is prohibited.
- 189 [LAC 33 III.2113.A] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 190 [LAC 33:III.219] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 191 [LAC 33:III.5105.A.1] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 192 [LAC 33:III.5105.A.2] Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III. Chapter 51. Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III. Chapter 51. Subchapter A, after the effective date of the standard.
- 193 [LAC 33:III.5105.A.3] Do not cause a violation of any ambient air standard listed in LAC 33:III. Table 51.2, unless operating in accordance with LAC 33:III.5109.B.
- 194 [LAC 33:III.5105.A.4] Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard.
- 195 [LAC 33:III.5107.A.2] Do not fail to keep records, notify, report or revise reports as required under LAC 33:III. Chapter 51. Subchapter A.
- Include a certification statement with the annual emission report and revisions to any emission report that attests that the information contained in the emission report is true, accurate, and complete, and that is signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official.

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- 196 [LAC 33:III.5107.A] Submit Annual Emissions Report (TEDI): Due annually, by the 31st of March unless otherwise directed by DEQ, to the Office of Environmental Assessment in a format specified by DEQ. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3.
- 197 [LAC 33:III.5107.B.1] Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but in no case later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere that results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property).
- 198 [LAC 33:III.5107.B.2] Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.5112, Table 51.1, or a reportable quantity (RQ) in LAC 33:1.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:1.3923.
- 199 [LAC 33:III.5107.B.3] Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:1.3931.
- 200 [LAC 33:III.5107.B.4] Submit written report: Due by certified mail to SPOC within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through B.3. Include the information specified in LAC 33:III.5107.B.4.a.i through B.4.a.viii.
- 201 [LAC 33:III.5107.B.5] Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, IF THEY CAN BE MEASURED AND CAN BE RELIABLY QUANTIFIED USING GOOD ENGINEERING PRACTICES, to DEQ along with the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge.
- 202 [LAC 33:III.5109.C] Develop a standard operating procedure (SOP) within 120 days after achieving or demonstrating compliance with the standards specified in LAC 33:III. Chapter 51. Detail in the SOP all operating procedures or parameters established to ensure that compliance with the applicable standards is maintained and address operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5113.C.5. Make a written copy of the SOP available on site or at an alternate approved location for inspection by DEQ. Provide a copy of the SOP within 30 days upon request by DEQ.
- 203 [LAC 33:III.5113.A.1] Submit notification in writing: Due to SPOC not more than 60 days nor less than 30 days prior to initial start-up. Submit the anticipated date of the initial start-up.
- 204 [LAC 33:III.5113.A.2] Submit notification in writing: Due to SPOC within 10 working days after the actual date of initial start-up of the source. Submit the actual date of initial start-up of the source.
- 205 [LAC 33:III.5611.A] Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
- 206 [LAC 33:III.5611.B] During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.

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- 207 [LAC 33:III.5901.A] Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901.
208 [LAC 33:III.919.D] Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.